

Genetic Disorder Letter Name _____

	Points Possible	Points Received
Letter format followed	4	
Body 1 Paragraph	4	
Body 2 Paragraph	4	
Body 3 Paragraph	4	
Spelling	1	
Grammar	1	
References	2	
Comments:		

Total Points	20	
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Genetic Disorder Letter Name _____

	Points Possible	Points Received
Letter format followed	4	
Body 1 Paragraph	4	
Body 2 Paragraph	4	
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Spelling	1	
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Letter format followed	4	
Body 1 Paragraph	4	
Body 2 Paragraph	4	
Body 3 Paragraph	4	
Spelling	1	
Grammar	1	
References	2	
Comments:		

Total Points	20	
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Figure 5.2
Human Karyotype—Female

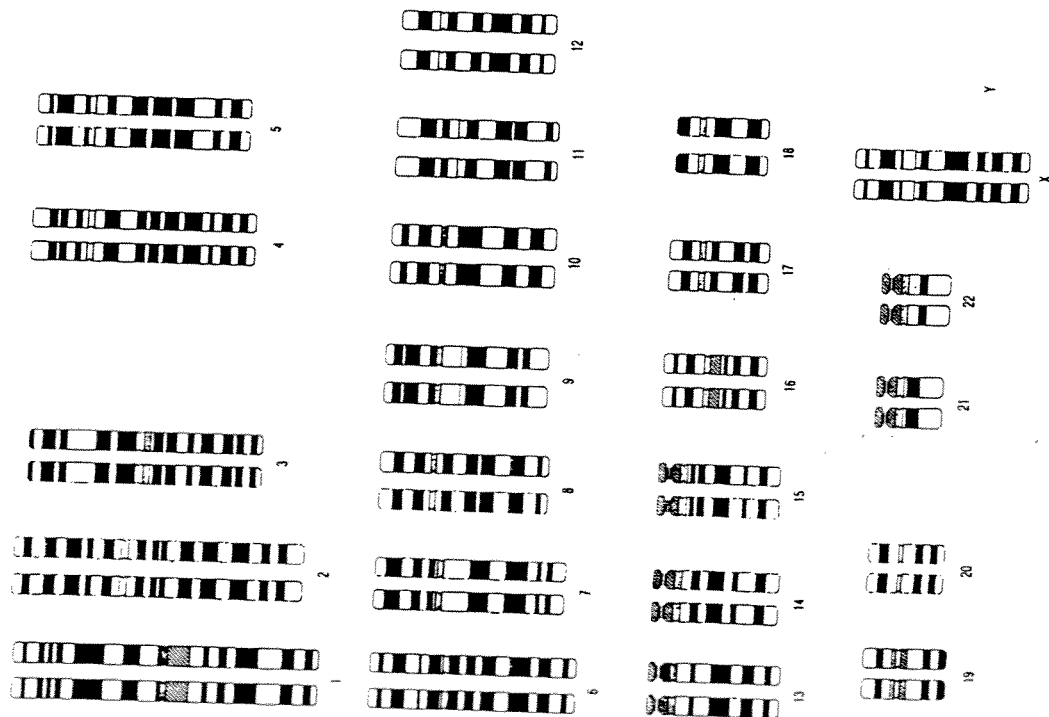
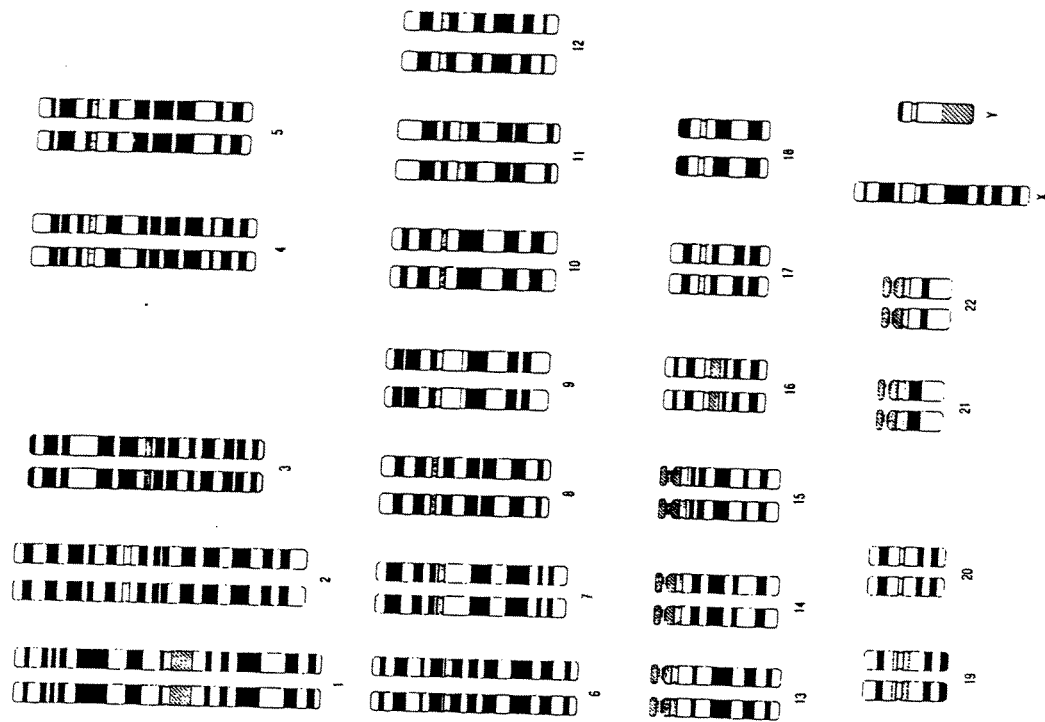


Figure 5.3
Human Karyotype—Male



Patau Syndrome
(Trisomy 13)

Patau Syndrome
(Trisomy 13)

Edwards Syndrome
(Trisomy 18)

Edwards Syndrome
(Trisomy 18)

Down Syndrome
(Trisomy 21)

Down Syndrome
(Trisomy 21)

Cri-du-chat Syndrome
(deletion in chromosome 5)

Cri-du-chat Syndrome
(deletion in chromosome 5)

Jacobs Syndrome
(XYY)

Jacobs Syndrome
(XYY)

Turner Syndrome
(XO)

Turner Syndrome
(XO)

Klinefelter Syndrome
(XXY)

Klinefelter Syndrome
(XXY)

Triple X Syndrome
(XXX)

Triple X Syndrome
(XXX)

Chronic myelogenous leukemia
(Philadelphia chromosome)
(9-22 translocation)

Chronic myelogenous leukemia
(Philadelphia chromosome)
(9-22 translocation)

HUMAN KARYOTYPE LAB

KEY

Smear #1	Patau Syndrome	Trisomy 13
Smear #2	Edwards Syndrome	Trisomy 18
Smear #3	Down Syndrome	Trisomy 21
Smear #4	Cri-du-chat	deletion in 5
Smear #5	Jacobs	XYY
Smear #6	Turner Syndrome	XO
Smear #7	Klinefelter Syndrome	XXY
Smear #8	Triple X	XXX
Smear #9	Philadelphia	9 to 22 translocation